



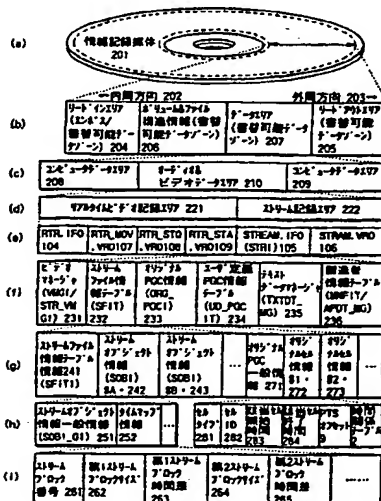
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(54)Title: MEDIUM ON WHICH STREAM DATA IS RECORDED, ITS RECORDING METHOD, AND ITS REPRODUCING METHOD

(54)発明の名称 ストリームデータの記録媒体、その記録方法および再生方法



201... INFORMATION RECORDING MEDIUM  
202... TOWARD INNER PERIPHERY  
203... TOWARD OUTER PERIPHERY  
204... READ IN AREA (ENCODED REWRITABLE DATA ZONE)  
205... VOLUME/FILE STRUCTURE INFORMATION (REWRITABLE DATA ZONE)  
206... DATA AREA (REWRITABLE DATA ZONE)  
207... READ OUT AREA (REWRITABLE DATA ZONE)  
208... COMPUTER DATA AREA  
209... AUDIO/VIDEO DATA AREA  
210... COMPUTER DATA AREA  
211... REAL TIME VIDEO RECORDING AREA  
212... STREAM RECORDING AREA  
213... VIDEO NUMBER (VIDEO/STP\_VIDEO)  
214... STREAM FILE INFORMATION TABLE (SFIT)  
215... ORIGINAL POC INFORMATION (ORG\_POCI)  
216... USER DEFINITION POC INFORMATION TABLE (UD\_POCI)  
217... TEST DATA MANAGER (TEST\_MG)  
218... MANUFACTURE INFORMATION TABLE (MFGT/APDT\_MG)  
219... STREAM FILE INFORMATION TABLE (SFIT)  
220... STREAM OBJECT INFORMATION (SOBI) SA  
221... STREAM OBJECT INFORMATION (SOBI) SB  
222... ORIGINAL POC GENERAL INFORMATION  
223... ORIGINAL CELL INFORMATION 01  
224... ORIGINAL CELL INFORMATION 02  
225... STREAM OBJECT INFORMATION GENERAL INFORMATION (SOBI\_GI)  
226... TIME MAP INFORMATION  
227... CELL TYPE  
228... CELL ID  
229... CELL-OF-CONCERN START TIME  
230... CELL-OF-CONCERN END TIME  
231... PTS OFFSET  
232... TIME RELATIONSHIP TABLE  
233... STREAM BLOCK NUMBER  
234... FIRST STREAM BLOCK SIZE  
235... FIRST STREAM BLOCK TIME DIFFERENCE  
236... SECOND STREAM BLOCK SIZE  
237... SECOND STREAM BLOCK TIME DIFFERENCE

(57) Abstract

While recorded stream data to which time stamp information is added to every packet is reproduced, the time is managed using the time stamp information. The video reproducing time judged by the user and indicated by the respective picture display times of I, B, and P is different from the time indicated by the time stamp information. Therefore, if the time is managed for the stream data recorded on an information storage medium only by the time stamp information, the display time (video reproducing time) of the display to the user is not controlled properly. According to the invention, a time relationship table showing the relationship between the time stamp information included in the stream data at the start time position of each I picture and the display time information (PTS or field information) about the display to the user is contained in part of management information.

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